FERMATA

AI Powered Pest & Disease Detection

About Us

Combining industry-leading artificial intelligence with off-the-shelf digital camera technology, Fermata has created a robust yet affordable platform designed to detect pests and disease significantly earlier than human scouts.

Croptimus™, our computer vision solution, ensures you are alerted to issues in your production area before they get out of hand, enabling you to spend time fixing problems instead of wasting time finding them.

As early detection is key when dealing with an infectious disease or pest infestation, Fermata scans your crop 24/7, analyzing each plant to ensure they are healthy and pathogen-free.

Should an issue be detected by our AI, an image is delivered to the cloud for our IPM team to confirm — further reducing wasted time on potential false positives. Once verified, an alert is rapidly dispatched to your facility, identifying the problem and pointing to exactly where it is located — enabling staff to focus on mitigation.
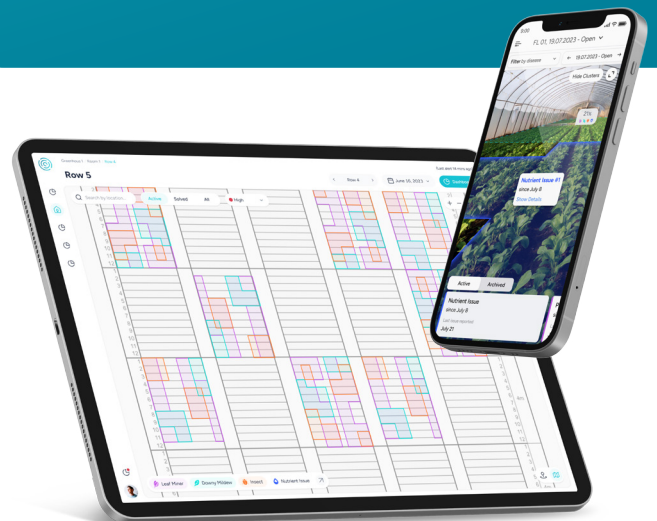
"Instead of wasting time identifying the source of the problem, now I can focus on mitigation."

— Guy Gafni, Crop Consultant, Former Head of Biobest R&D

Save Time & Money

As every grower understands, detecting pests and diseases after they have become well established often results in loss of the crop.

Fermata's innovative AI platform provides timely alerts for a wide range of issues, including: nutrient deficiencies, aphids, tip burn, botrytis, downy mildew, caterpillars, and more!

Save up to 50% scouting time

Decrease crop loss up to 30%

— **View your entire crop over time**
— **See a 360° canopy & zoom to leaf level**
— **Easy install: no disruption to your business**
— **Heatmaps help identify areas of concern**